

MWO # 2020-1001069222
CUE # 23478

MAINS			
SIZE	LENGTH	MATERIAL	METHOD
6"	1174	PE	OPEN TRENCH
4"	2817	PE	OPEN TRENCH
2"	4337	PE	OPEN TRENCH

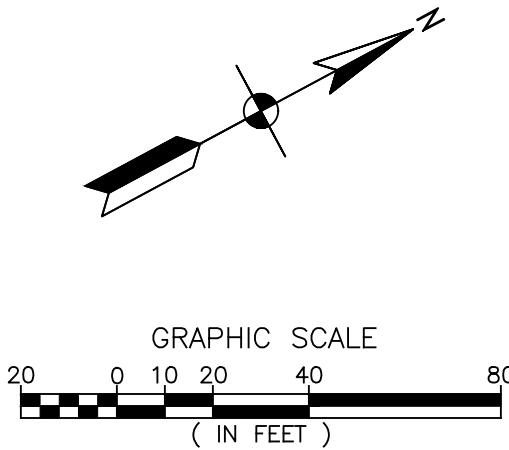
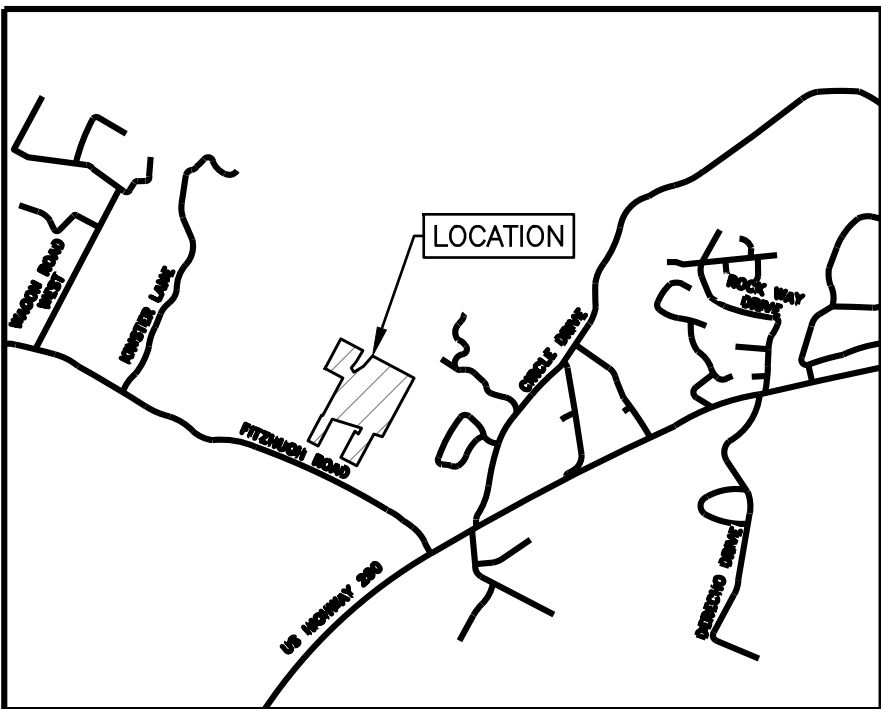
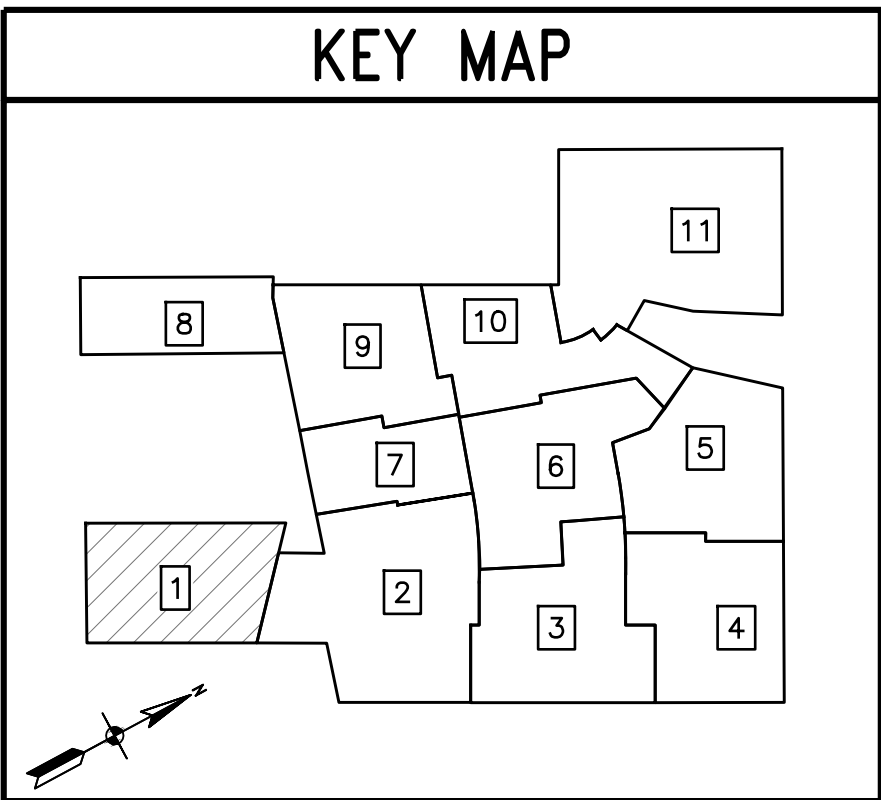
SERVICES			
SIZE	LENGTH	MATERIAL	METHOD
3/4"	974	PE	OPEN TRENCH

TOTAL SERVICES = 46

TOTAL LOTS = 66

SERVICE SCHEDULE					
SERVICE NO.	SIZE	LENGTH	TYPE	EFV (SERIES #)	SLEEVE
1	3/4"	47	PE	1800	
2	3/4"	47	PE	1800	
3	3/4"	3	PE	700	
4	3/4"	3	PE	700	
5	3/4"	47	PE	700	
6	3/4"	3	PE	1800	
7	3/4"	3	PE	1800	
8	3/4"	47	PE	700	
9	3/4"	3	PE	1800	
10	3/4"	3	PE	1800	
11	3/4"	3	PE	1800	
12	3/4"	47	PE	700	
13	3/4"	47	PE	700	
14	3/4"	3	PE	700	
15	3/4"	3	PE	1800	
16	3/4"	3	PE	1800	
17	3/4"	3	PE	700	
18	3/4"	3	PE	700	
19	3/4"	3	PE	1800	
20	3/4"	3	PE	1800	
21	3/4"	47	PE	1800	
22	3/4"	47	PE	1800	
23	3/4"	3	PE	1800	
24	3/4"	3	PE	700	
25	3/4"	3	PE	1800	
26	3/4"	47	PE	1800	
27	3/4"	3	PE	700	
28	3/4"	3	PE	1800	
29	3/4"	47	PE	1800	
30	3/4"	3	PE	1800	
31	3/4"	47	PE	1800	
32	3/4"	3	PE	700	
33	3/4"	47	PE	1800	
34	3/4"	3	PE	700	
35	3/4"	47	PE	1800	
36	3/4"	3	PE	700	
37	3/4"	47	PE	700	
38	3/4"	3	PE	700	
39	3/4"	47	PE	700	
40	3/4"	3	PE	700	
41	3/4"	47	PE	700	
42	3/4"	47	PE	700	
43	3/4"	3	PE	700	
44	3/4"	3	PE	700	
45	3/4"	47	PE	700	
46	3/4"	47	PE	700	
TOTAL=	3/4"	974	PE	-	

FITTINGS		
QUANTITY	SIZE	TYPE
2	6"	ELECTROFUSION COUPLING
1	6"	INLINE TEE, PE
2	4"	INLINE TEE, PE
2	2"	INLINE TEE, PE
46	3/4"	CAP, PE (SERVICE)
3	6" X 3/4"	TAPPING TEE, PE (SERVICE)
12	4" X 3/4"	TAPPING TEE, PE (SERVICE)
31	2" X 3/4"	TAPPING TEE, PE (SERVICE)
3	6" X 4"	REDUCER, PE
4	4" X 2"	REDUCER, PE
1	4"	CAP, PE
3	2"	CAP, PE
16	5#	ANODE
1		TEST STATION
8338	14 GAUGE	TRACER WIRE (MAIN)
976	14 GAUGE	TRACER WIRE (SERVICE)
27	3/4"	SERIES 700 EFV
19	3/4"	SERIES 1800 EFV
3	3/4" X 1"	RISER (PURGE)
3	1"	PLUG (PURGE)
3	2" X 3/4"	TAPPING TEE, PE (PURGE)



LEGEND

---	---	EXIST. ROW
---	---	EXIST. EASEMENT
---	---	EXIST. LOT LINES
---	---	NEW GAS MAIN
---	---	NEW GAS MAIN BORE
---	---	NEW GAS MAIN INSERT
---	---	NEW SERVICE LINE
---	---	TO BE ABANDONED
---	---	PROJECT LOCATION
---	---	EXIST. HIGH PRESSURE LINE
---	---	EXIST. INTERMEDIATE PRESSURE LINE
---	---	EXIST. LOW PRESSURE LINE
---	---	ABANDONED GAS LINE
---	---	EXIST. WATER LINE
---	---	EXIST. WASTE WATER
---	---	EXIST. STORM SEWER
---	---	EXIST. OVERHEAD ELECTRIC
---	---	EXIST. UNDERGROUND ELECTRIC
---	---	EXIST. OVERHEAD TELEPHONE

NOTES

- PRIOR TO THE INSTALLATION OF T.G.S. OWNED GAS LINES, IT IS THE CUSTOMERS RESPONSIBILITY TO GRADE ALL STREETS, ALLEYS, ROADWAYS OR EASEMENTS TO SUBGRADE, ± .50 FEET (6 INCHES).
- ALL SURFACE REPAIRS MADE ON PRIVATE PROPERTY BY TEXAS GAS SERVICE OR ITS AFFILIATES, WILL BE TEMPORARY. ALL PERMANENT REPAIRS ARE THE OWNERS RESPONSIBILITY.
- CONTRACTOR TO CONTACT T.G.S. ENG. DEPT. PRIOR TO CONSTRUCTION TO VERIFY ASSIGNMENTS OF MAINS & SERVICES WHEN APPLICABLE.
- DETERMINATION OF GRADE FOR GAS MAINS AT STORM SEWER CROSSINGS TO BE DONE IN THE FIELD IN CONJUNCTION WITH PROFILE SHEETS WHEN APPLICABLE.
- ALL SPOIL SHALL BE REMOVED FROM JOB SITE UPON COMPLETION OF GAS LINE INSTALLATION.
- #14 COPPER TRACER WIRE TO BE PLACED IN BOTTOM OF TRENCH PARALLEL TO MAINS & SERVICES. ALL WIRE JOINTS SHALL BE IN ACCORDANCE WITH T.G.S. STANDARDS. TRACER WIRE TO BE ONE CONTINUOUS UNIT.
- MARKER TAPE TO BE INSTALLED 1 FOOT BELOW SUBGRADE & PARALLEL TO MAINS & SERVICES.
- DEVELOPER OR ITS REPRESENTATIVE SHALL BE RESPONSIBLE FOR COMPACTION OF BACKFILL & REQUIRED TESTING IN ACCORDANCE WITH AGENCY AND TEXAS GAS SERVICE STANDARDS.
- CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. ANY DAMAGE TO EXISTING FACILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ANODE TO BE INSTALLED TO TRACER WIRE. TRACER WIRE WILL NOT BE TIED TO WRAPPED STEEL MAIN.
- ALL STUBS MUST BE MARKED BY A 4" POLYETHYLENE SLEEVE WHICH IS 4' IN LENGTH. THE SLEEVES CAN BE PICKED UP AT TEXAS GAS SERVICE, 5613 AVE F, AUSTIN. T.G.S. WILL REMOVE THE SLEEVE AT THE TIME OF YARD LINE INSTALLATION.
- ALL BORES WILL BE DIRECTIONAL UNLESS OTHERWISE SPECIFIED.

INSTALL NATURAL GAS SERVICE
5' OFF OF PROPOSED WATER
SERVICE.

DEVELOPER IS RESPONSIBLE
FOR STAKING SERVICE
LOCATION

NOTES:

- GAS MAIN IS INSTALLED AT LOWEST OF 36" BELOW EXISTING GRADE OR 30" BELOW GUTTER ELEVATION (MIN).
- PRIOR TO R.O.W. MAIN INSTALLATION, TGS CONTRACTOR TO CONTACT CUSTOMER AND COORDINATE TIE-IN AT THE PROPERTY LOCATION.

TGS INSPECTOR:
GAS MAIN TO BE INSTALLED AT
MINIMUM DEPTH OF 4' BELOW ASPHALT
ELEVATION AT LIP OF CURB.

PIC CONTRACTOR INFORMATION:
PENDING INFO

MAOP: 60 PSIG

AGE OF P.E. PIPE MUST BE
LESS THAN 2 YEARS PRIOR
TO INSTALLATION

SHEET 1 OF 11

PRELIMINARY

AUSTIN, TEXAS



NEW MAIN AND SERVICES
ORCHARD RANCH/PHASE 1
AUSTIN, TX

MWO NO.
2020-1001069222

MAP GRID
WY194

REV.
WY194

DATE
07/09/2020

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PERMANENT LOCATION OF
EXISTING GAS LINES

NO BLASTING WITHIN 10 FEET OF GAS LINES.
CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE
TO GAS LINES.
FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO
EXCAVATING.

DATE
07/09/2020

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TEXAS GAS SERVICE AND SHALL NOT BE
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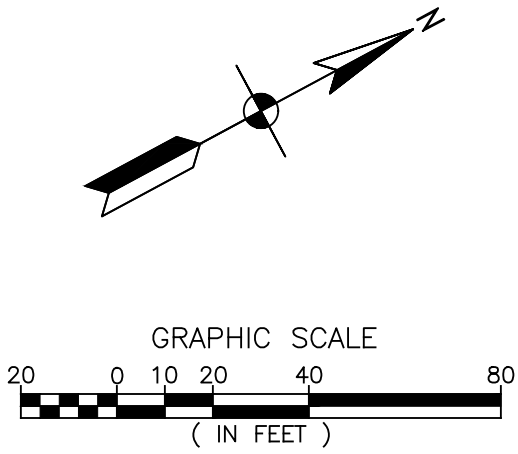
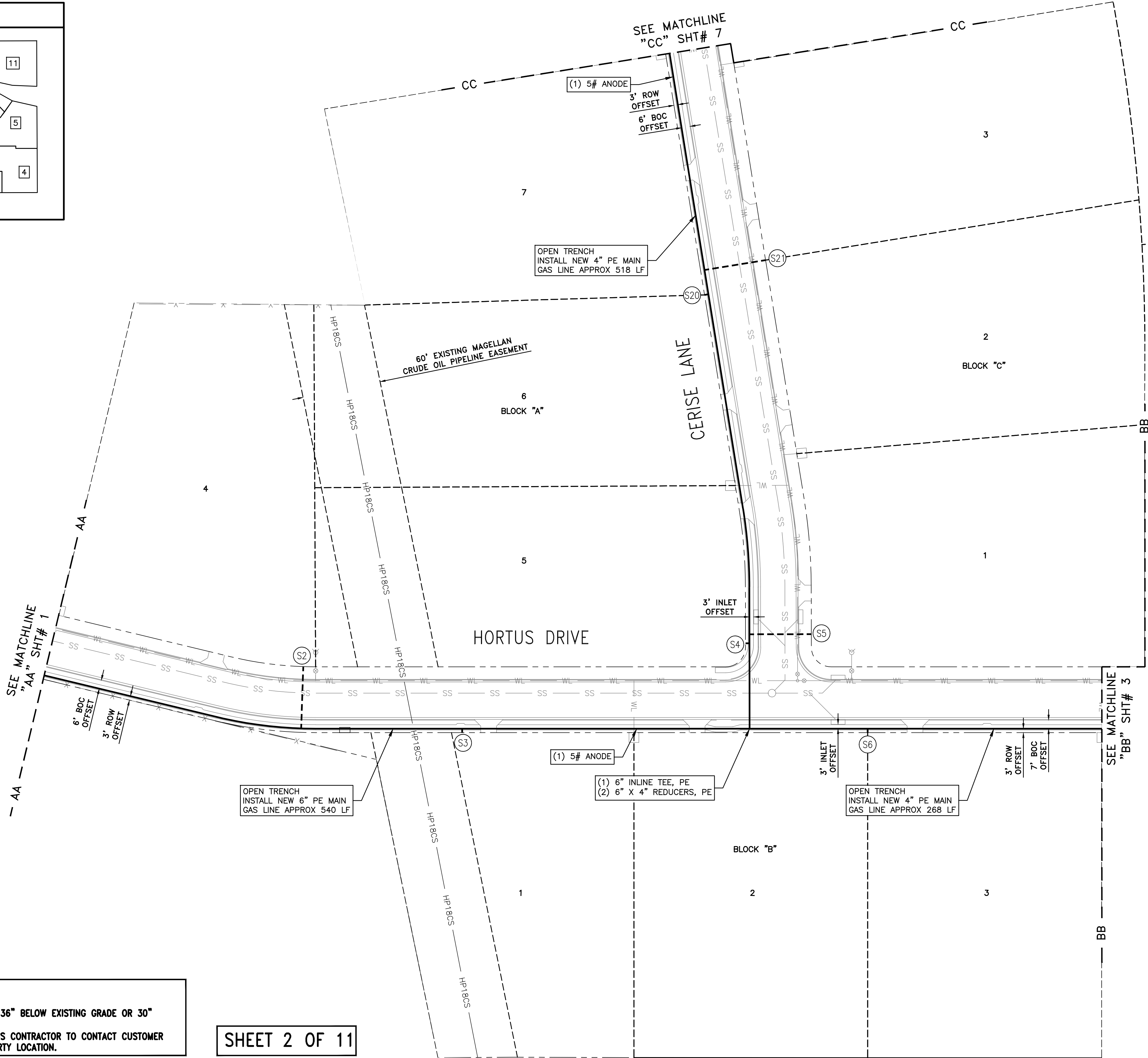
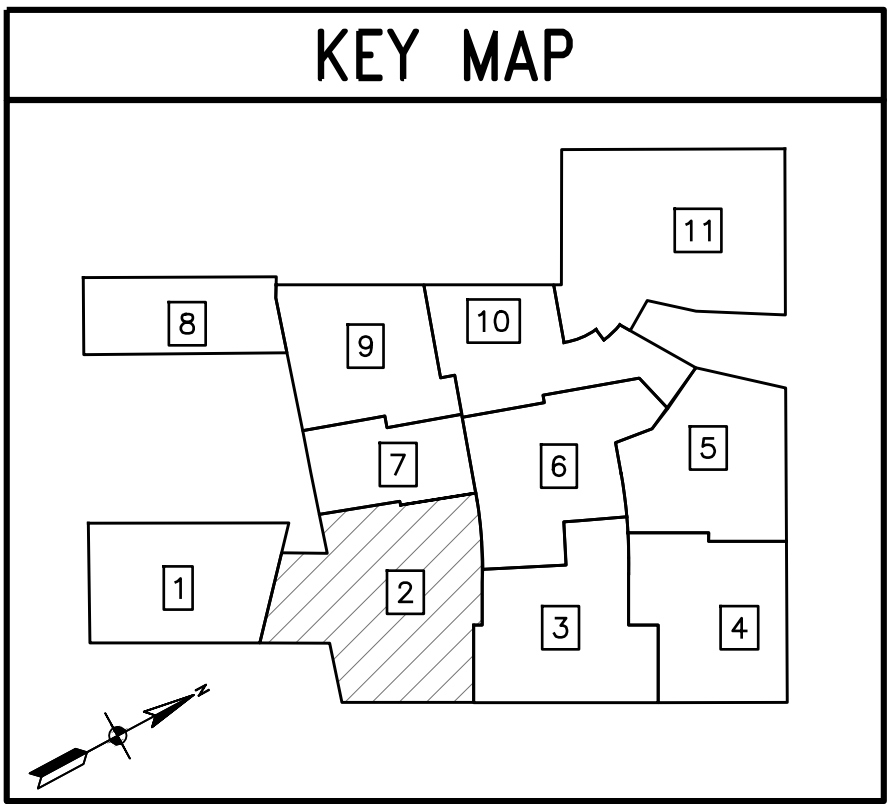
SCALE
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PERMANENT LOCATION OF
EXISTING GAS LINES

NO BLAST



LEGEND

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---	EXIST. EASEMENT
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PRELIMINARY

MAOP: 60 PSIG

AGE OF P.E. PIPE MUST BE LESS THAN 2 YEARS PRIOR TO INSTALLATION

TGS INSPECTOR:
GAS MAIN TO BE INSTALLED AT MINIMUM DEPTH OF 4' BELOW ASPHALT ELEVATION AT LIP OF CURB.

PIC CONTRACTOR INFORMATION:
PENDING INFO

INSTALL NATURAL GAS SERVICE 5' OFF OF PROPOSED WATER SERVICE.

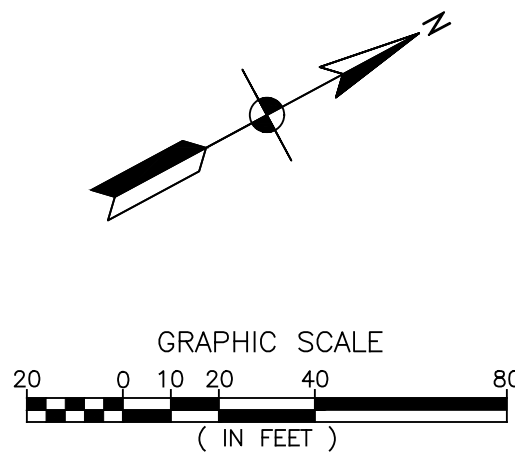
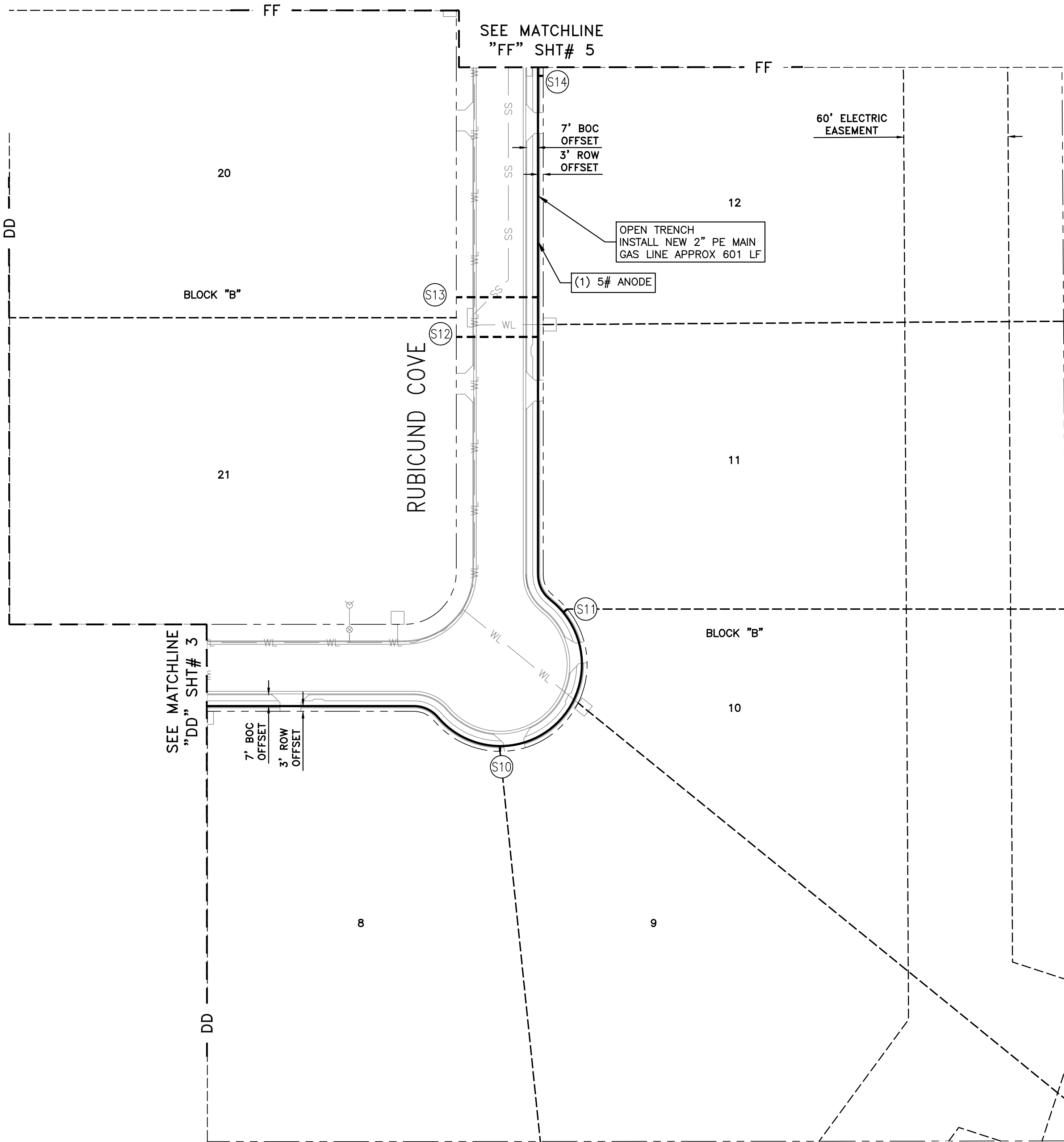
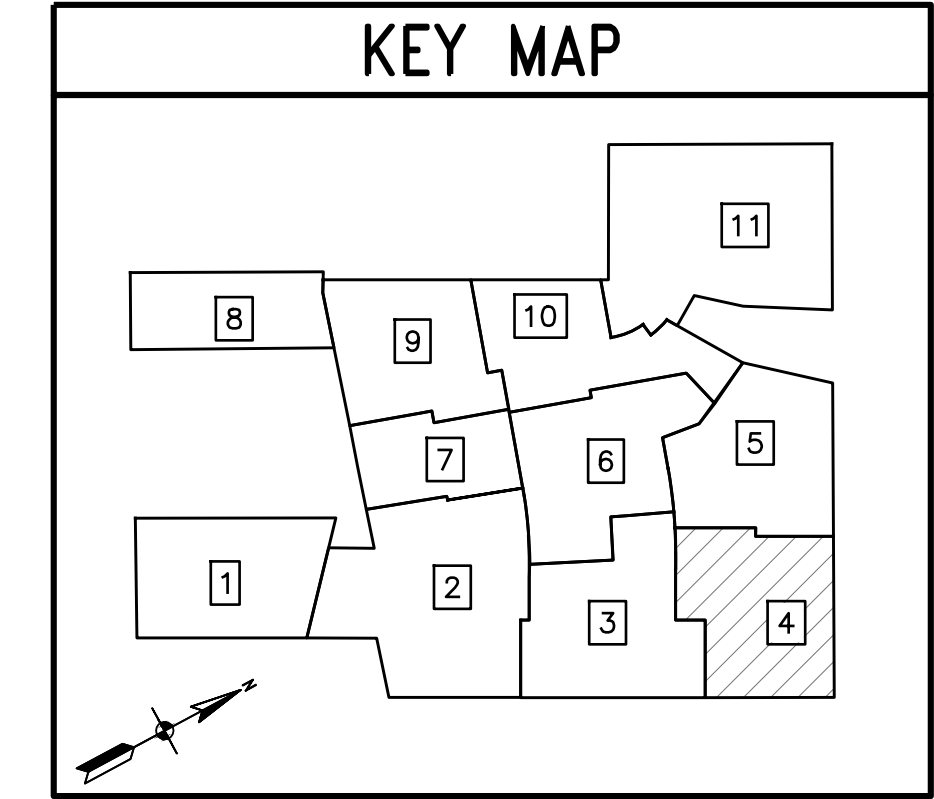
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NOTES:

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SHEET 2 OF 11

NEW MAIN AND SERVICES ORCHARD RANCH/PHASE 1 AUSTIN, TX		AUSTIN, TEXAS		 Texas Gas Service A Division of ONE Gas	
MMO NO.	MAP GRID	REV.			
2020-1001069222	WY194	610W			
NOTE: THIS DRAWING IS THE PROPERTY OF TEXAS GAS SERVICE AND SHALL NOT BE REPRODUCED OR USED FOR ANY PURPOSE WHATSOEVER EXCEPT BY WRITTEN PERMISSION OF TGS. NOT VALID FOR CONSTRUCTION UNLESS CERTIFIED.			DRAWN BY: G. DIAZ , DATE: 07/09/2020 , CHECKED BY: M.CANO , DATE: 07/09/2020 , SCALE: SEE GRAPHIC		
THE RAILROAD COMMISSION OF TEXAS IS REQUIRING GAS UTILITIES TO RECORD THE LOCATION OF ALL PLASTIC PIPE BY PRINT LINE. AS A RESULT OF THIS NEW CONSTRAINT, THE CONTRACTOR WILL BE REQUIRED TO DOCUMENT THE CERTAIN SPECIFICATIONS ASSOCIATED WITH THE PIPE INSTALLED IN YOUR SUBDIVISION.			APPROXIMATE LOCATION OF EXISTING GAS LINES: NO BLASTING WITHIN 10 FEET OF GAS LINES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO GAS LINES. CONTACT 1-800-344-8377 FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO EXCAVATING.		
			NO.		
			DATE		
			BY		
			REVISIONS		



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 - DEVELOPER OR ITS REPRESENTATIVE SHALL BE RESPONSIBLE FOR COMPACTION OF BACKFILL & REQUIRED TESTING IN ACCORDANCE WITH AGENCY AND TEXAS GAS SERVICE STANDARDS.
 - CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. ANY DAMAGE TO EXISTING FACILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
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 - ALL BORES WILL BE DIRECTIONAL UNLESS OTHERWISE SPECIFIED.

PRELIMINARY

MAOP: 60 PSIG

AGE OF P.E. PIPE MUST BE LESS THAN 2 YEARS PRIOR TO INSTALLATION

TGS INSPECTOR:
GAS MAIN TO BE INSTALLED AT MINIMUM DEPTH OF 4' BELOW ASPHALT ELEVATION AT LIP OF CURB.

PIC CONTRACTOR INFORMATION:
PENDING INFO

INSTALL NATURAL GAS SERVICE 5' OFF OF PROPOSED WATER SERVICE.

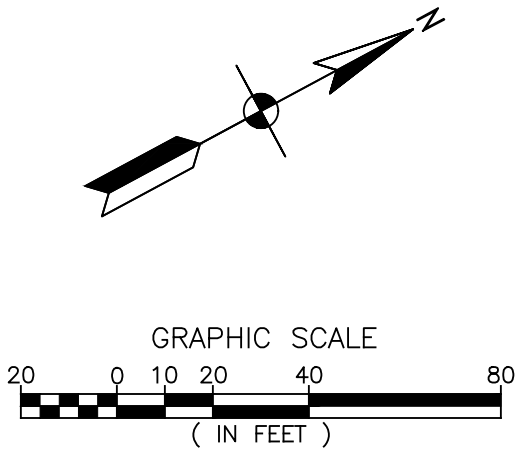
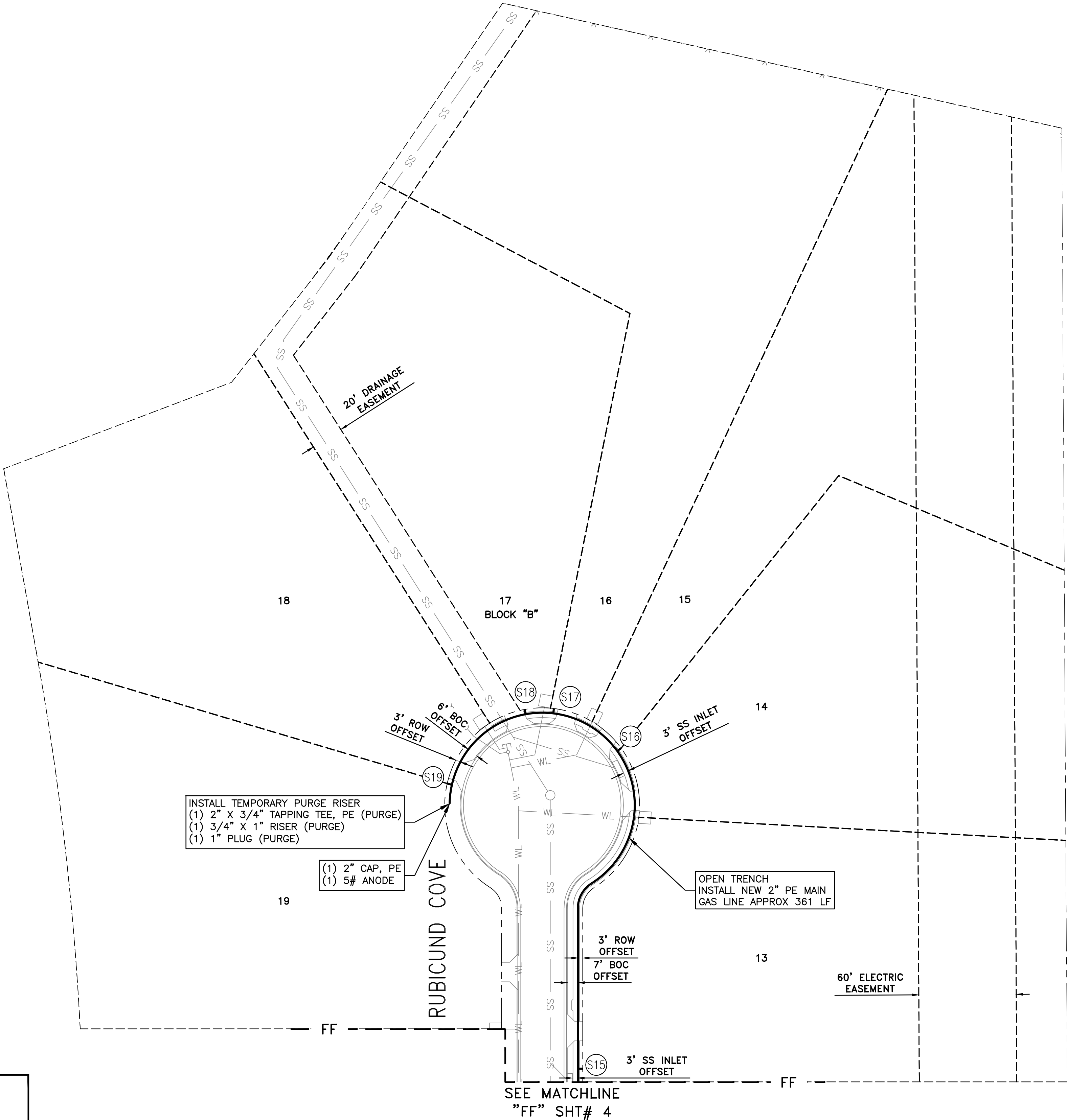
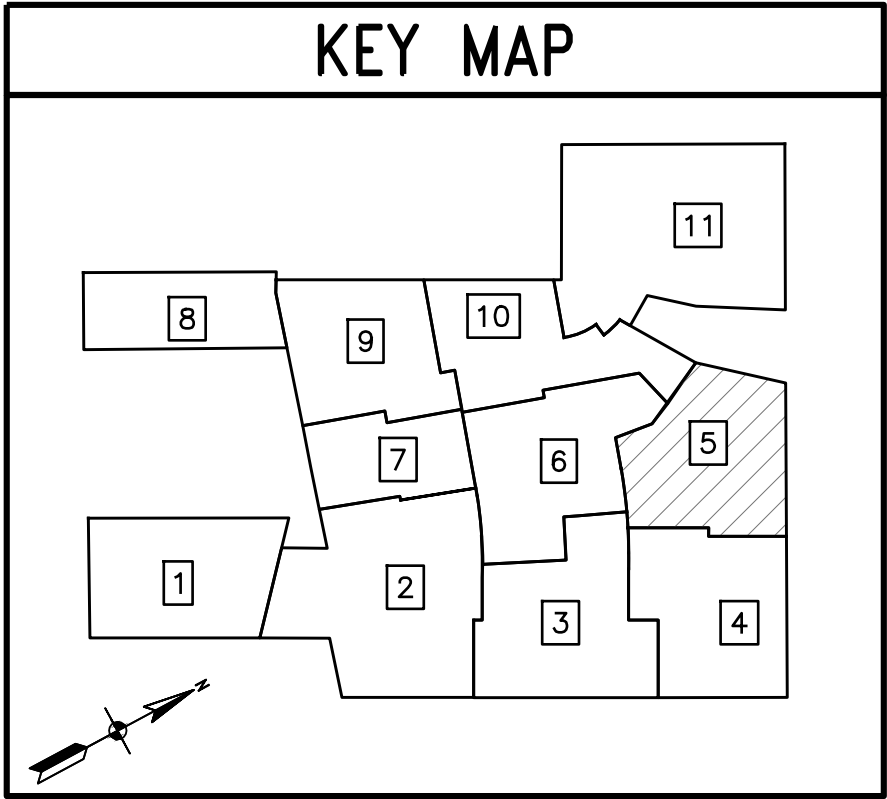
DEVELOPER IS RESPONSIBLE FOR STAKING SERVICE LOCATION

NOTES:

- GAS MAIN IS INSTALLED AT LOWEST OF 36" BELOW EXISTING GRADE OR 30" BELOW GUTTER ELEVATION (MIN).
- PRIOR TO R.O.W. MAIN INSTALLATION, TGS CONTRACTOR TO CONTACT CUSTOMER AND COORDINATE TIE-IN AT THE PROPERTY LOCATION.

SHEET 4 OF 11

THE RAILROAD COMMISSION OF TEXAS IS REQUIRING GAS UTILITIES TO RECORD THE LOCATION OF ALL GAS LINES INSTALLED AS A RESULT OF THIS NEW CONSTRAINT. THE CONTRACTOR WILL BE REQUIRED TO DOCUMENT CERTAIN SPECIFICATIONS ASSOCIATED WITH THE PIPE INSTALLED IN YOUR SUBDIVISION.		NO.		DATE	BY	DESCRIPTION
REPROVATE LOCATION OF EXISTING GAS LINES		DATE		DATE		
NO BLASTING WITHIN 10 FEET OF GAS LINES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO GAS LINES. (1-800-344-8377)		DATE		DATE		
FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO EXCAVATING.		DATE		DATE		
G. DIAZ		07/09/2020		07/09/2020		
M. CANO		07/09/2020		07/09/2020		
SEE GRAPHIC		SCALE		SCALE		
AUSTIN, TEXAS		MAP GRID		REV.		
NEW MAIN AND SERVICES ORCHARD RANCH/PHASE 1 AUSTIN, TX		MAP GRID		REV.		
WMO NO.		WMO NO.		WMO NO.		
2020-1001069222		610W		WY194		



LEGEND

---	---	EXIST. ROW
---	---	EXIST. EASEMENT
---	---	EXIST. LOT LINES
---	---	NEW GAS MAIN
---	---	NEW GAS MAIN BORE
---	---	NEW GAS MAIN INSERT
---	---	NEW SERVICE LINE
---	---	TO BE ABANDONED
---	---	PROJECT LOCATION
---	---	LOC
---	---	EXIST. HIGH PRESSURE LINE
---	---	EXIST. INTERMEDIATE PRESSURE LINE
---	---	EXIST. LOW PRESSURE LINE
---	---	ABANDONED GAS LINE
---	---	EXIST. WATER LINE
---	---	EXIST. WASTE WATER
---	---	EXIST. STORM SEWER
---	---	EXIST. OVERHEAD ELECTRIC
---	---	EXIST. UNDERGROUND ELECTRIC
---	---	EXIST. OVERHEAD TELEPHONE

- NOTES
- PRIOR TO THE INSTALLATION OF T.G.S. OWNED GAS LINES, IT IS THE CUSTOMERS RESPONSIBILITY TO GRADE ALL STREETS, ALLEYS, ROADWAYS OR EASEMENTS TO SUBGRADE, $\pm .50$ FEET (6 INCHES).
 - ALL SURFACE REPAIRS MADE ON PRIVATE PROPERTY BY TEXAS GAS SERVICE OR ITS AFFILIATES, WILL BE TEMPORARY. ALL PERMANENT REPAIRS ARE THE OWNERS RESPONSIBILITY.
 - CONTRACTOR TO CONTACT T.G.S. ENG. DEPT. PRIOR TO CONSTRUCTION TO VERIFY ASSIGNMENTS OF MAINS & SERVICES WHEN APPLICABLE.
 - DETERMINATION OF GRADE FOR GAS MAINS AT STORM SEWER CROSSINGS TO BE DONE IN THE FIELD IN CONJUNCTION WITH PROFILE SHEETS WHEN APPLICABLE.
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 - #14 COPPER TRACER WIRE TO BE PLACED IN BOTTOM OF TRENCH PARALLEL TO MAINS & SERVICES. ALL WIRE JOINTS SHALL BE IN ACCORDANCE WITH T.G.S. STANDARDS. TRACER WIRE TO BE ONE CONTINUOUS UNIT.
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PRELIMINARY

SHEET 5 OF 11

MAOP: 60 PSIG

AGE OF P.E. PIPE MUST BE LESS THAN 2 YEARS PRIOR TO INSTALLATION

TGS INSPECTOR:
GAS MAIN TO BE INSTALLED AT MINIMUM DEPTH OF 4' BELOW ASPHALT ELEVATION AT LIP OF CURB.

PIC CONTRACTOR INFORMATION:
PENDING INFO

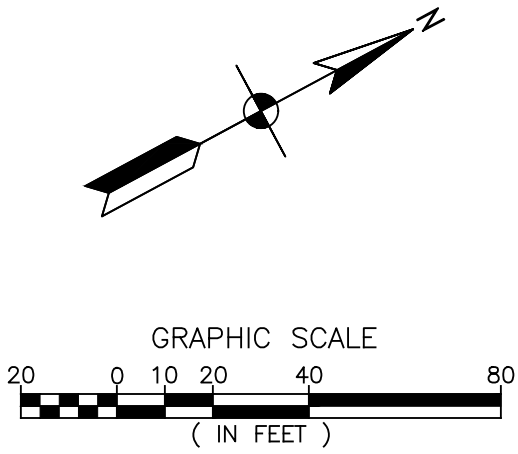
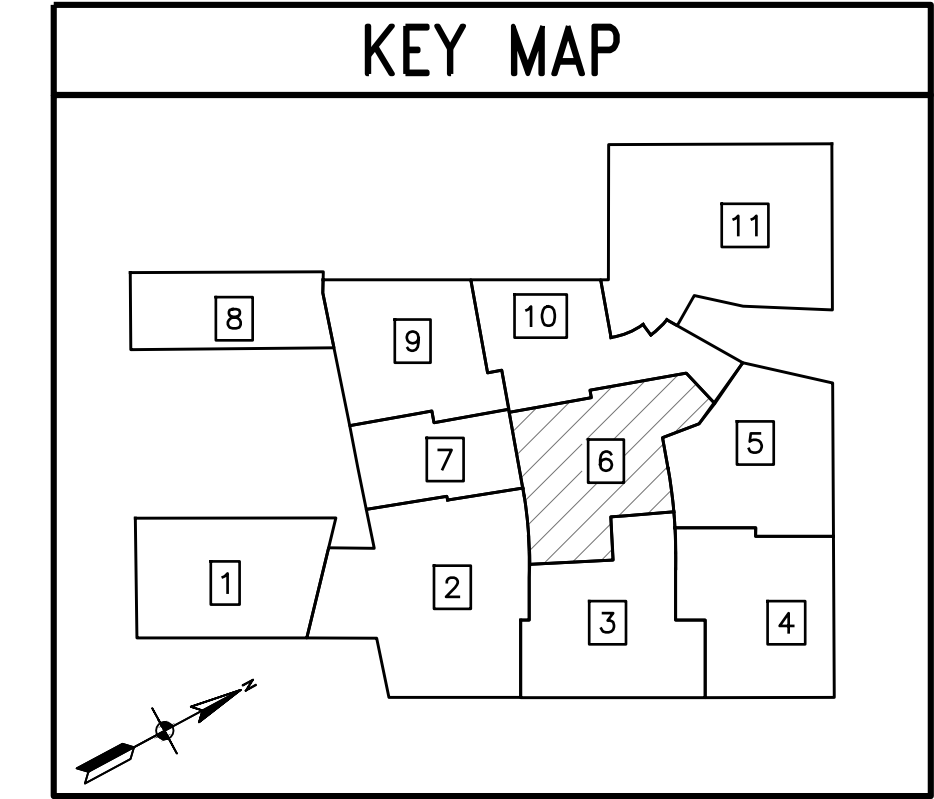
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DEVELOPER IS RESPONSIBLE FOR STAKING SERVICE LOCATION

NOTES:

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NEW MAIN AND SERVICES		AUSTIN, TEXAS	
ORCHARD RANCH/PHASE 1		Texas	
AUSTIN, TX		Gas Service	
		A Division of ONE Gas	
MWO NO.	MAFSCO PAGE NO.	MAP GRID	REV.
2020-1001089222	610W	WY194	
DRAWN BY G. DIAZ DATE 07/09/2020			
CHECKED BY M. CANO DATE 07/09/2020			
SCALE			
SEE GRAPHIC			
NOTE: THIS DRAWING IS THE PROPERTY OF ONE GAS SERVICE AND SHALL NOT BE REPRODUCED, COPIED, REPRODUCED, TRACED, PHOTOGRAPHED, OR REPRODUCED IN ANY MANNER, NOR USED FOR ANY PURPOSE WHATSOEVER EXCEPT BY WRITTEN PERMISSION OF TGS. NOT VALID FOR CONSTRUCTION UNLESS CERTIFIED.			
APPROXIMATE LOCATION OF EXISTING GAS LINES			
THE RAILROAD COMMISSION OF TEXAS IS REQUESTING THAT THE EXISTING GAS LINES BE LOCATED BY THE RAILROAD COMMISSION OF TEXAS AS A RESULT OF THIS NEW PIPE BY PUMP LINE. THE CONTRACTOR WILL BE REQUIRED TO DOCUMENT CERTAIN SPECIFICATIONS WITH THE PIPE INSTALLED IN YOUR SUBDIVISION.			
NO BLASTING WITHIN 10 FEET OF GAS LINES.			
CONTACT 1-800-DIG-TRESS (1-800-344-8377) FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO EXCAVATING.			
NO. DATE BY DESCRIPTION			
REVISIONS			



LEGEND

---	---	EXIST. ROW
---	---	EXIST. EASEMENT
---	---	EXIST. LOT LINES
---	---	NEW GAS MAIN
---	---	NEW GAS MAIN BORE
---	---	NEW GAS MAIN INSERT
---	---	NEW SERVICE LINE
---	---	TO BE ABANDONED
---	---	PROJECT LOCATION
---	---	LOC
---	---	EXIST. HIGH PRESSURE LINE
---	---	EXIST. INTERMEDIATE PRESSURE LINE
---	---	EXIST. LOW PRESSURE LINE
---	---	ABANDONED GAS LINE
---	---	EXIST. WATER LINE
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PENDING INFO

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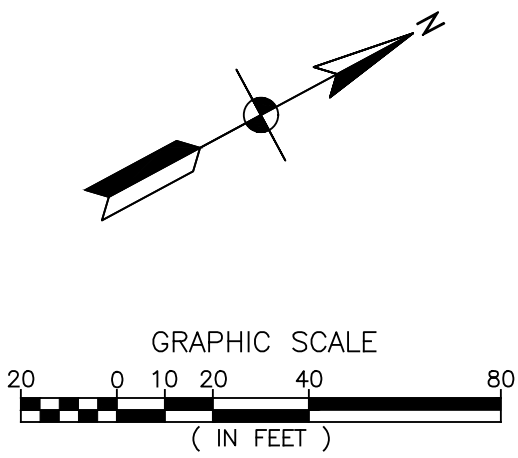
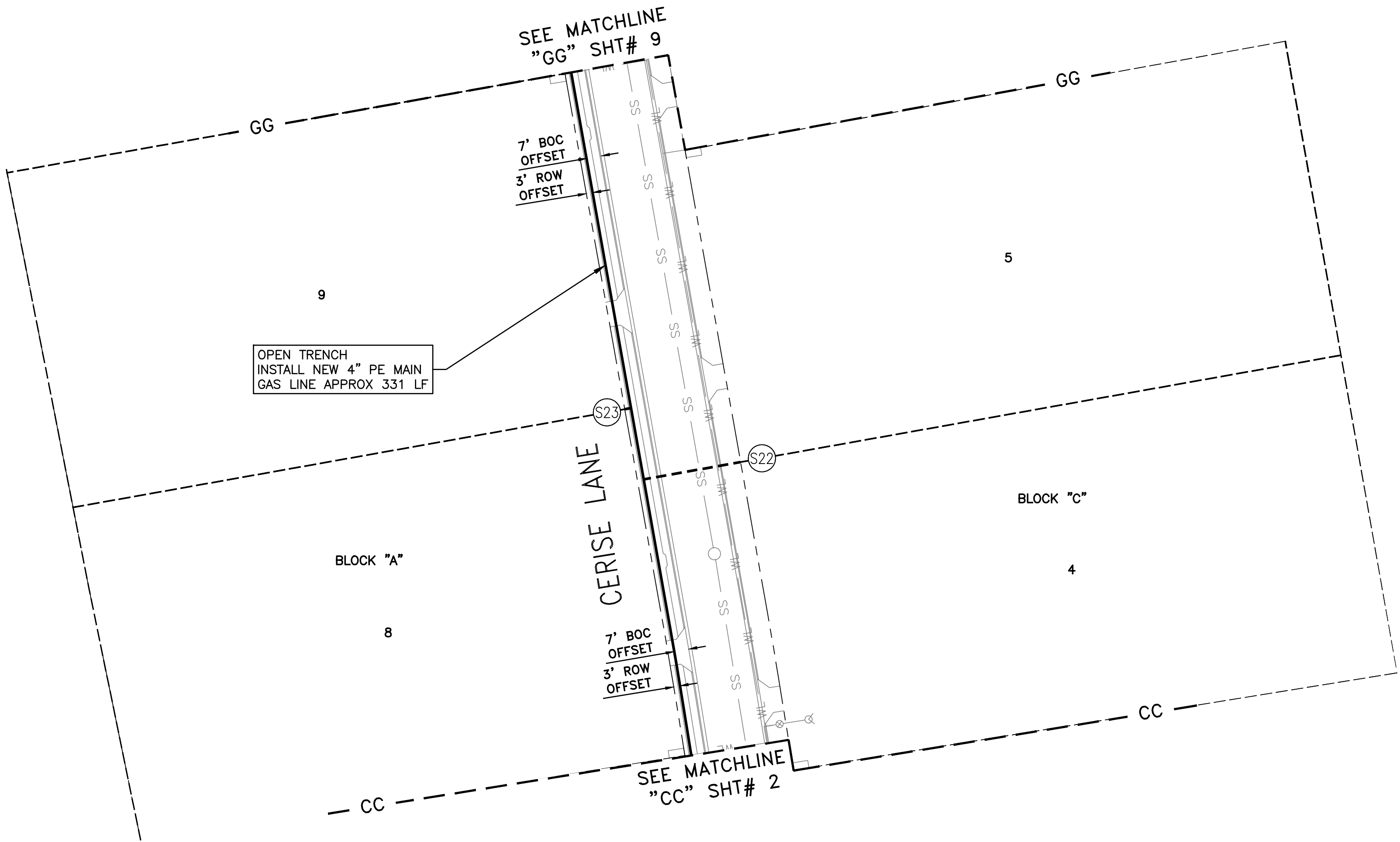
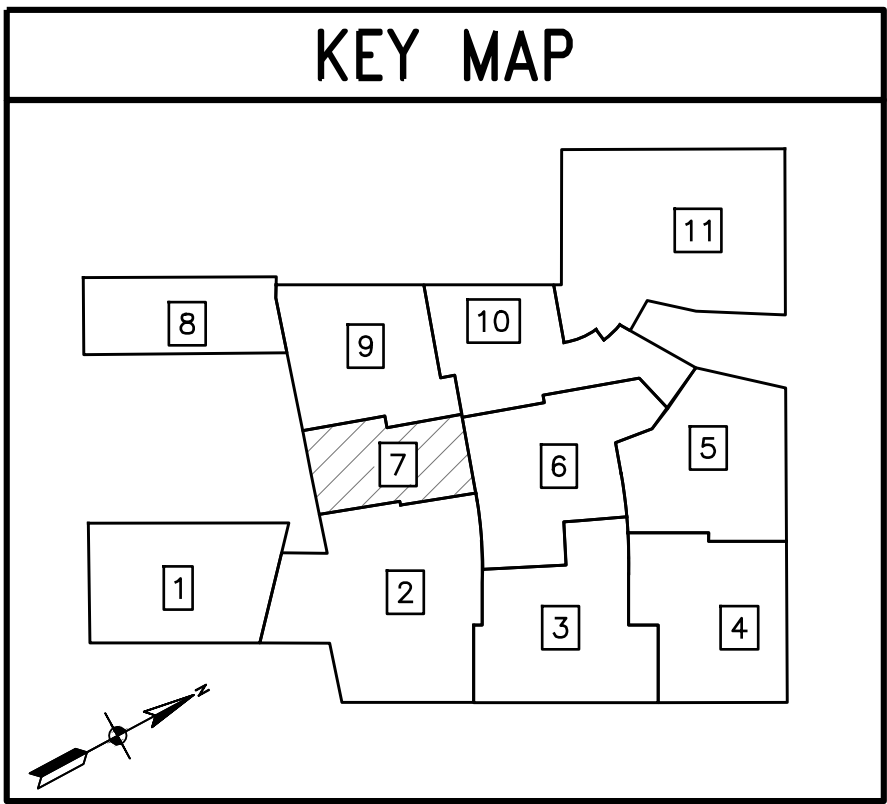
DEVELOPER IS RESPONSIBLE FOR STAKING SERVICE LOCATION

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SHEET 6 OF 11

PRELIMINARY

NEW MAIN AND SERVICES ORCHARD RANCH/PHASE 1 AUSTIN, TX			 AUSTIN, TEXAS Texas Gas ServiceTM A Division of ONE Gas		NOTE: THIS DRAWING IS THE PROPERTY OF TEXAS GAS SERVICE AND SHALL NOT BE TRACED, REPRODUCED, COPIED, OR USED FOR ANY PURPOSE, WHATSOEVER, WITHOUT THE WRITTEN PERMISSION OF TGS. NOT VALID FOR CONSTRUCTION UNLESS CERTIFIED.		DRAWN BY G. DIAZ DATE 07/09/2020		CHECKED BY M. CANO DATE 07/09/2020		SCALE SEE GRAPHIC		APPROXIMATE LOCATION OF EXISTING GAS LINES NO BLASTING WITHIN 10 FEET OF GAS LINES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO GAS LINES. CONTACT 1-800-344-8377 (1-800-344-8377) FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO EXCAVATING.		THE RAILROAD COMMISSION OF TEXAS IS REQUIRING GAS UTILITIES TO RECORD THE LOCATION OF ALL PLASTIC PIPE BY PRINT LINE. THE CONTRACTOR WILL BE REQUIRED TO DOCUMENT THE CERTAIN SPECIFICATIONS ASSOCIATED WITH THE PIPE INSTALLED IN YOUR SUBDIVISION.		NO.		DATE		BY		DESCRIPTION		REVISIONS	
AWMO NO. 2020-1001069222		MAPSCO PAGE NO. 610W		MAP GRID WY194		REV. 1																				



LEGEND

---	---	EXIST. ROW
---	---	EXIST. EASEMENT
---	---	EXIST. LOT LINES
---	---	NEW GAS MAIN
---	---	NEW GAS MAIN BORE
---	---	NEW GAS MAIN INSERT
---	---	NEW SERVICE LINE
---	---	TO BE ABANDONED
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PIC CONTRACTOR INFORMATION:
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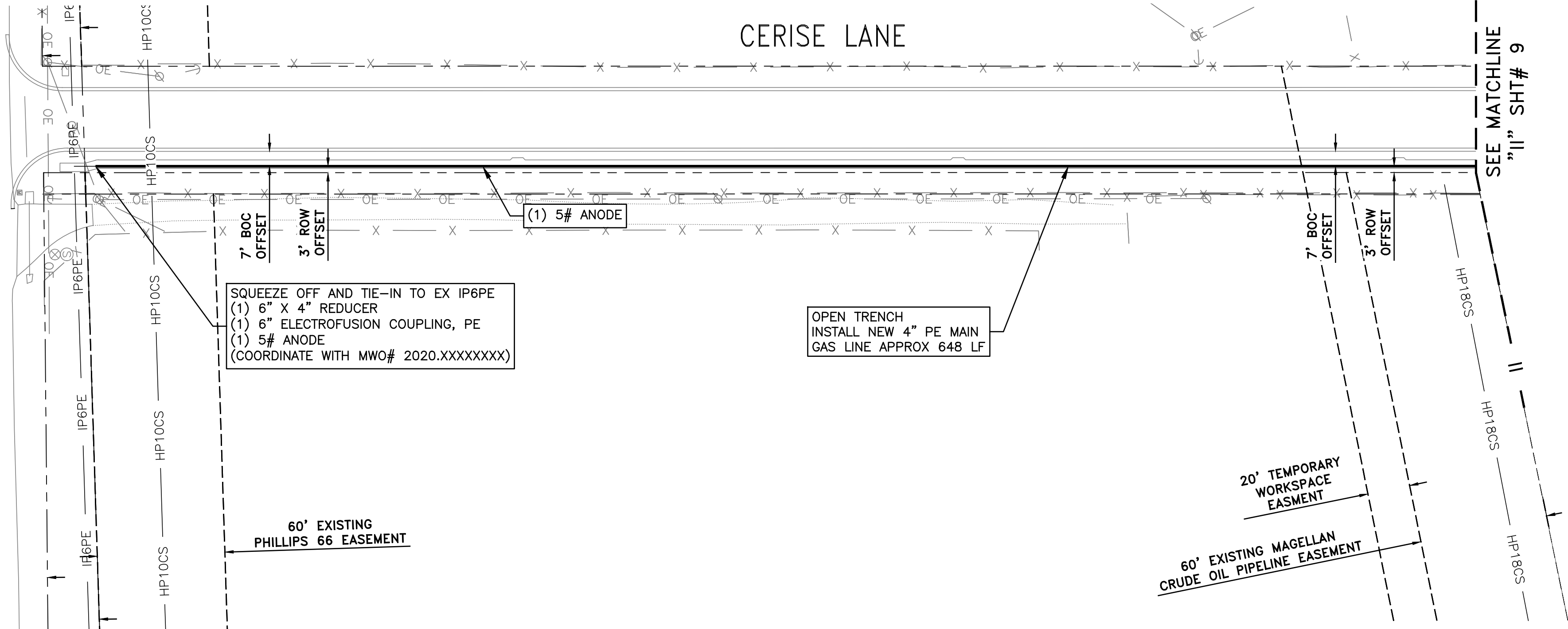
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SHEET 7 OF 11

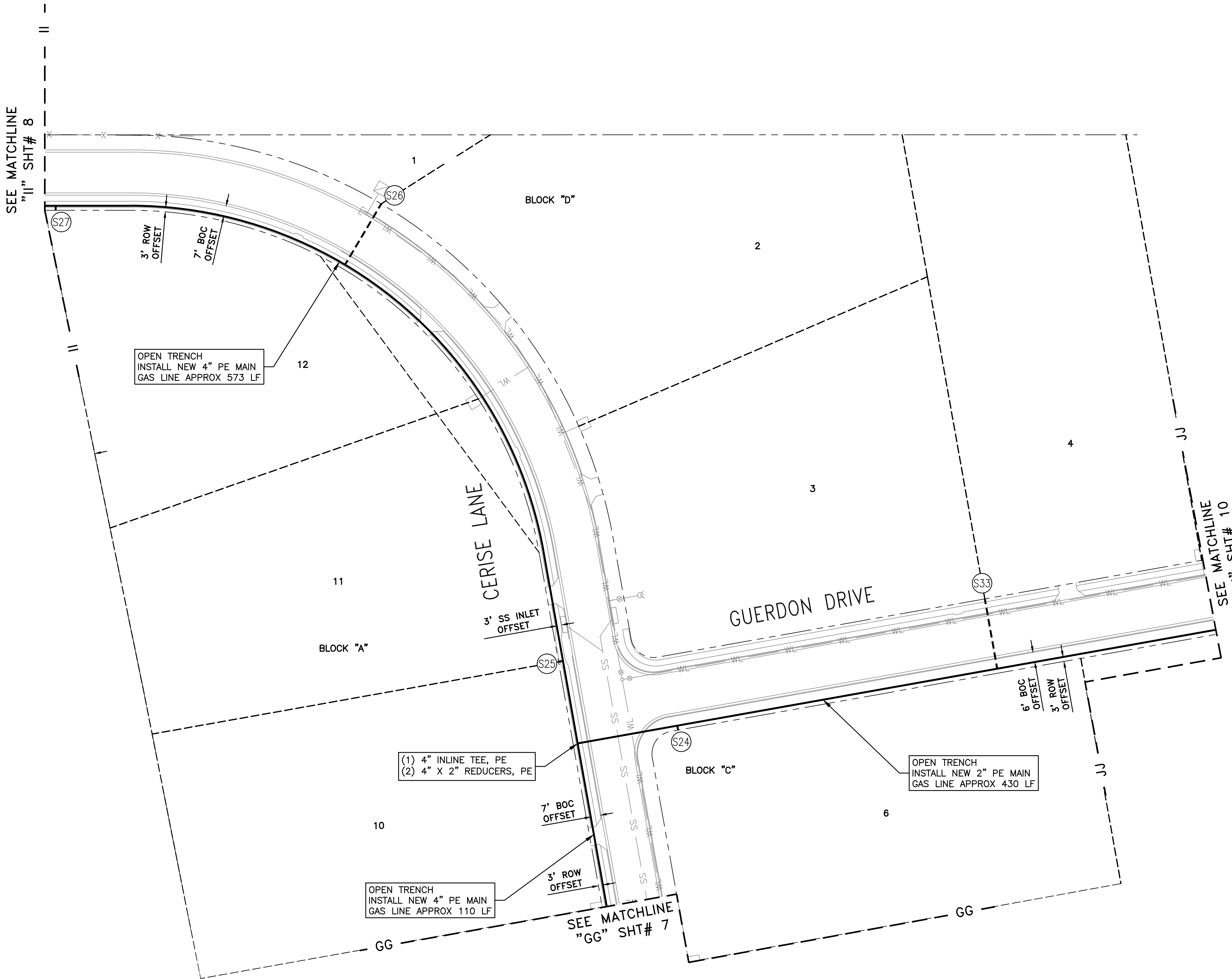
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DATE 07/09/2020		DATE 07/09/2020	
G. DIAZ		M. CANO	
DRAWN BY		CHECKED BY	
SCALE		SEE GRAPHIC	
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Texas Gas Service™		A Division of ONE Gas	
NEW MAIN AND SERVICES ORCHARD RANCH/PHASE 1 AUSTIN, TX		MAP GRID NO. WY194	
MAPSCO PAGE NO. 610W		REV. WY194	
2020-1001069222		REV. WY194	

KEY MAP

The key map displays 11 numbered locations within a study area. The locations are numbered 1 through 11. Location 8 is shaded with diagonal lines. A compass rose is located in the bottom left corner of the map.



THE RAILROAD COMMISSION OF TEXAS IS
REQUIRING GAS UTILITIES TO RECORD THE
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AS A RESULT OF THIS NEW CONSTRAINT, THE
CONTRACTOR WILL BE REQUIRED TO DOCUMENT
CERTAIN SPECIFICATIONS ASSOCIATED WITH THE
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- | | |
|--|-----------------------------------|
| | EXIST. ROW |
| | EXIST. EASEMENT |
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| | NEW GAS MAIN |
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PRELIMINARY

MAOP: 60 PSIG

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LESS THAN 2 YEARS PRIOR
TO INSTALLATION**

TGS INSPECTOR:
GAS MAIN TO BE INSTALLED AT
MINIMUM DEPTH OF 4' BELOW ASPHALT
ELEVATION AT LIP OF CURB.

PIC CONTRACTOR INFORMATION:
PENDING INFO

**INSTALL NATURAL GAS SERVICE
5' OFF OF PROPOSED WATER
SERVICE.**

**DEVELOPER IS RESPONSIBLE
FOR STAKING SERVICE
LOCATION**

NOTES:

1. GAS MAIN IS INSTALLED AT LOWEST OF 36" BELOW EXISTING GRADE OR 30" BELOW GUTTER ELEVATION (MIN).
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SHEET 9 OF 11

REVISIONS			
NO.	DATE	BY	DESCRIPTION

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CONTACT 1-800-DIG-TESS (1-800-344-8377)
FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO
CYCLOPILING

DRAWN BY	G. DIAZ	DATE	07/09/2020
CHECKED BY	M. CANO	DATE	07/09/2020
SCALE			
SEE GRAPHIC			

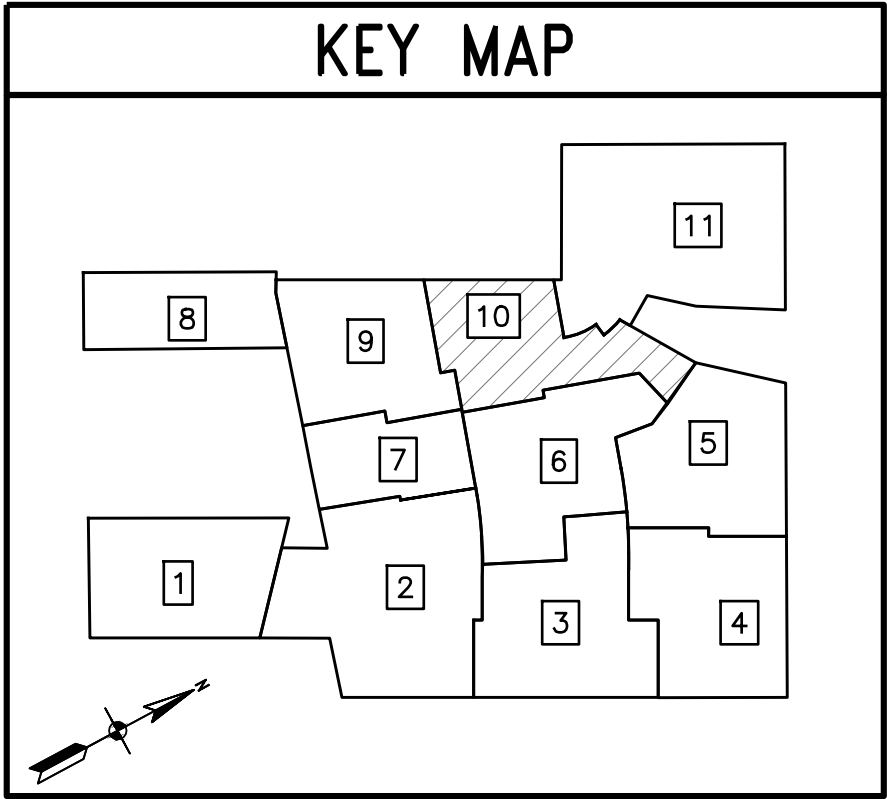
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Texas Gas Service
A Division of ONE Gas
AUSTIN, TEXAS

NEW MAIN AND SERVICES
ORCHARD RANCH/PHASE 1
AUSTIN, TX

MW/O NO.
2020-10



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1. PRIOR TO THE INSTALLATION OF T.G.S. OWNED GAS LINES, IT IS THE CUSTOMERS RESPONSIBILITY TO GRADE ALL STREETS, ALLEYS, ROADWAYS OR EASEMENTS TO SUBGRADE, ± .50 FEET (6 INCHES). ALL SURFACE REPAIRS MADE ON PRIVATE PROPERTY BY TEXAS GAS SERVICE OR ITS AFFILIATES, WILL BE TEMPORARY. ALL PERMANENT REPAIRS ARE THE OWNERS RESPONSIBILITY.
2. CONTRACTOR TO CONTACT T.G.S. ENG. DEPT. PRIOR TO CONSTRUCTION TO VERIFY ASSIGNMENTS OF MAINS & SERVICES WHEN APPLICABLE.
3. DETERMINATION OF GRADE FOR GAS MAINS AT STORM SEWER CROSSINGS TO BE DONE IN THE FIELD IN CONJUNCTION WITH PROFILE SHEETS WHEN APPLICABLE.
4. ALL SPOIL SHALL BE REMOVED FROM JOB SITE UPON COMPLETION OF GAS LINE INSTALLATION.
5. #14 COPPER TRACER WIRE TO BE PLACED IN BOTTOM OF TRENCH PARALLEL TO MAINS & SERVICES. ALL WIRE JOINTS SHALL BE IN ACCORDANCE WITH T.G.S. STANDARDS. TRACER WIRE TO BE ONE CONTINUOUS UNIT.
6. MARKER TAPE TO BE INSTALLED 1 FOOT BELOW SUBGRADE & PARALLEL TO MAINS & SERVICES.
7. DEVELOPER OR ITS REPRESENTATIVE SHALL BE RESPONSIBLE FOR COMPACTION OF BACKFILL & REQUIRED TESTING IN ACCORDANCE WITH AGENCY AND TEXAS GAS SERVICE STANDARDS.
8. CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. ANY DAMAGE TO EXISTING FACILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
9. ANODE TO BE INSTALLED TO TRACER WIRE. TRACER WIRE WILL NOT BE TIED TO WRAPPED STEEL MAIN.
10. ALL STUBS MUST BE MARKED BY A 4" POLYETHYLENE SLEEVE WHICH IS 4" IN LENGTH. THE SLEEVES CAN BE PICKED UP AT TEXAS GAS SERVICE, 5613 AVE F, AUSTIN. T.G.S. WILL REMOVE THE SLEEVE AT THE TIME OF YARD LINE INSTALLATION.
11. ALL BORES WILL BE DIRECTIONAL UNLESS OTHERWISE SPECIFIED.

MAOP: 60 PSIG

AGE OF P.E. PIPE MUST BE LESS THAN 2 YEARS PRIOR TO INSTALLATION

TGS INSPECTOR:
GAS MAIN TO BE INSTALLED AT MINIMUM DEPTH OF 4' BELOW ASPHALT ELEVATION AT LIP OF CURB.

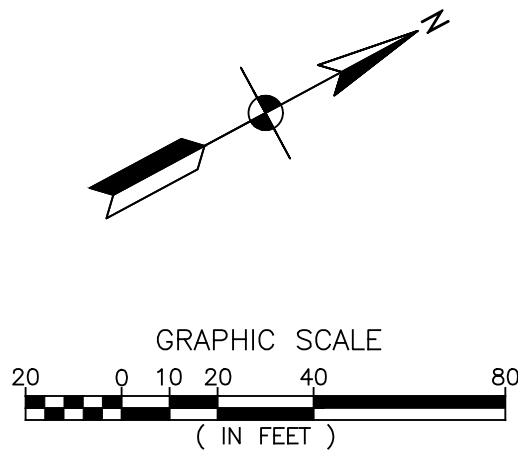
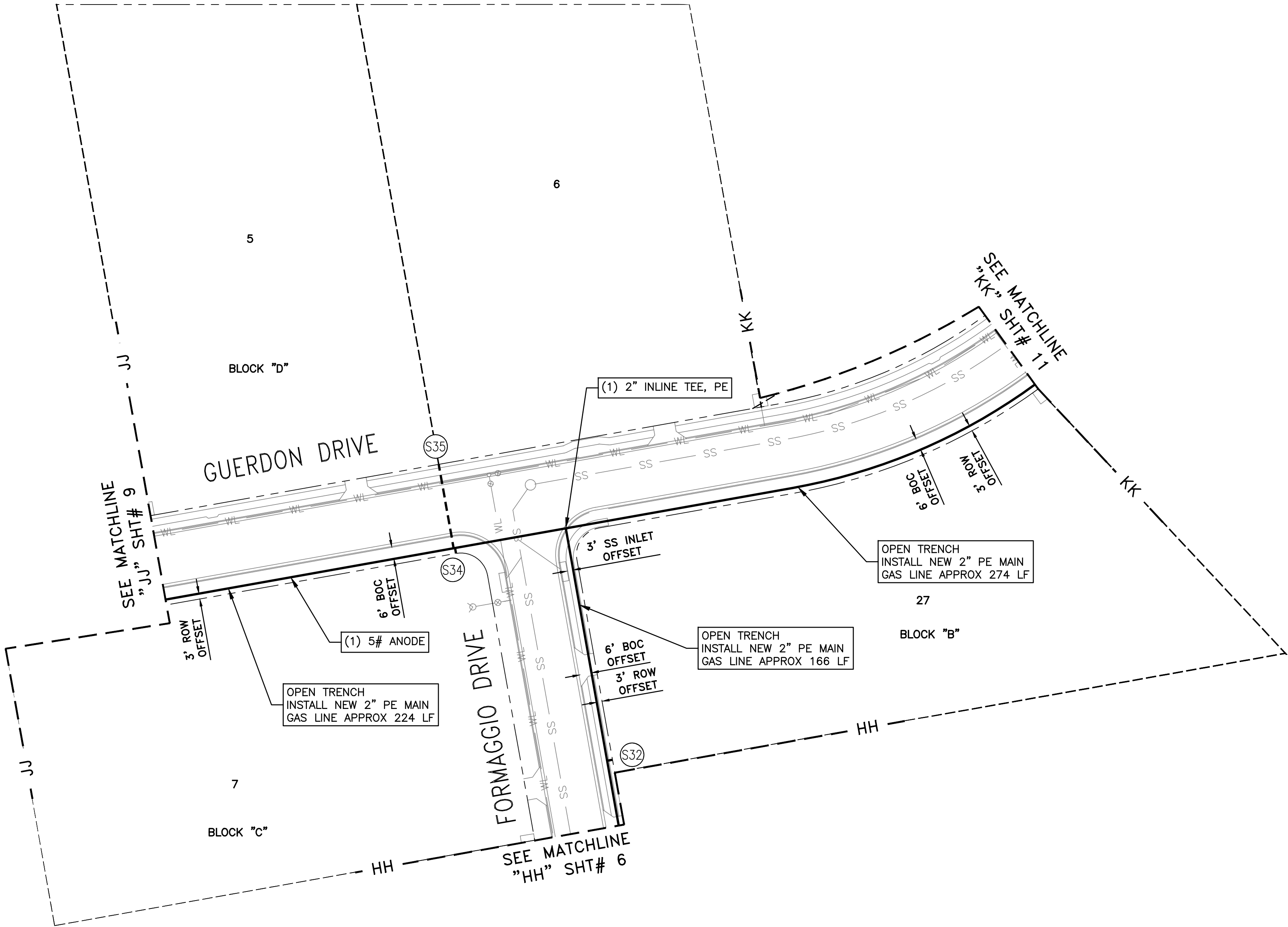
PIC CONTRACTOR INFORMATION:
PENDING INFO

INSTALL NATURAL GAS SERVICE 5' OFF OF PROPOSED WATER SERVICE.

DEVELOPER IS RESPONSIBLE FOR STAKING SERVICE LOCATION

NOTES:

1. GAS MAIN IS INSTALLED AT LOWEST OF 36" BELOW EXISTING GRADE OR 30" BELOW GUTTER ELEVATION (MIN).
2. PRIOR TO R.O.W. MAIN INSTALLATION, TGS CONTRACTOR TO CONTACT CUSTOMER AND COORDINATE TIE-IN AT THE PROPERTY LOCATION.



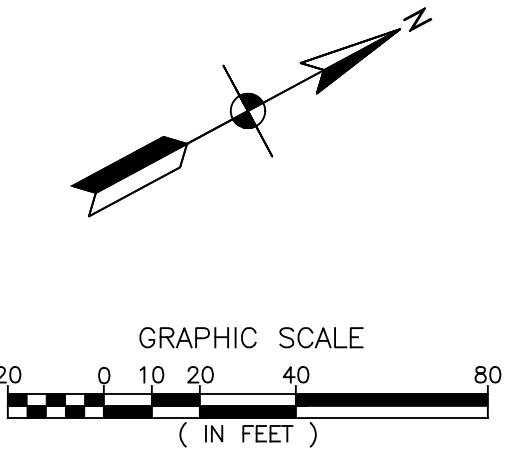
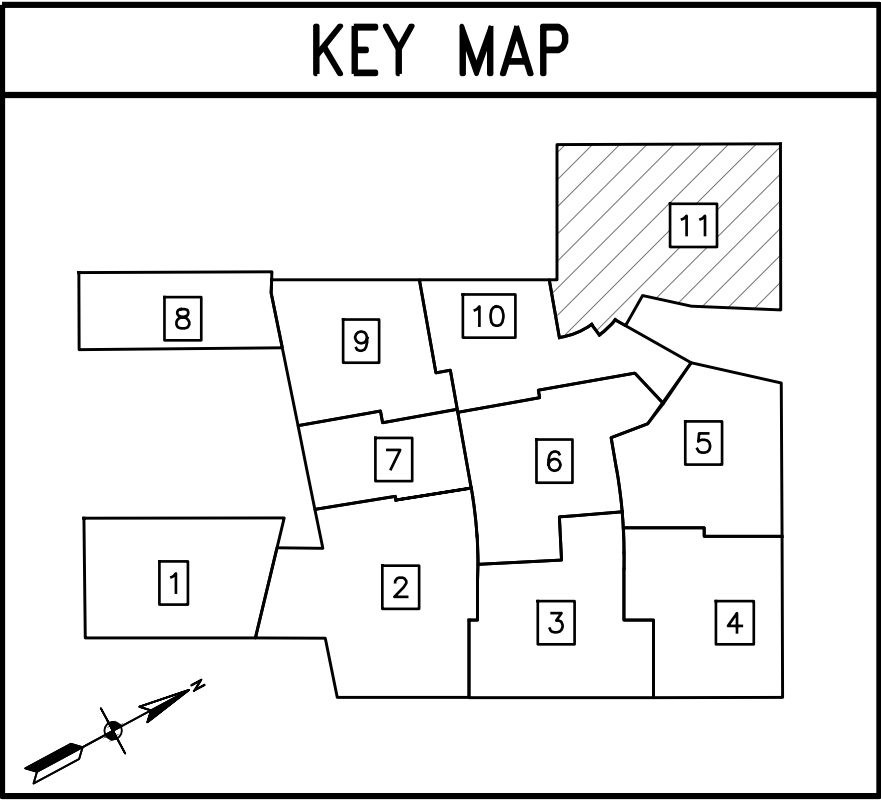
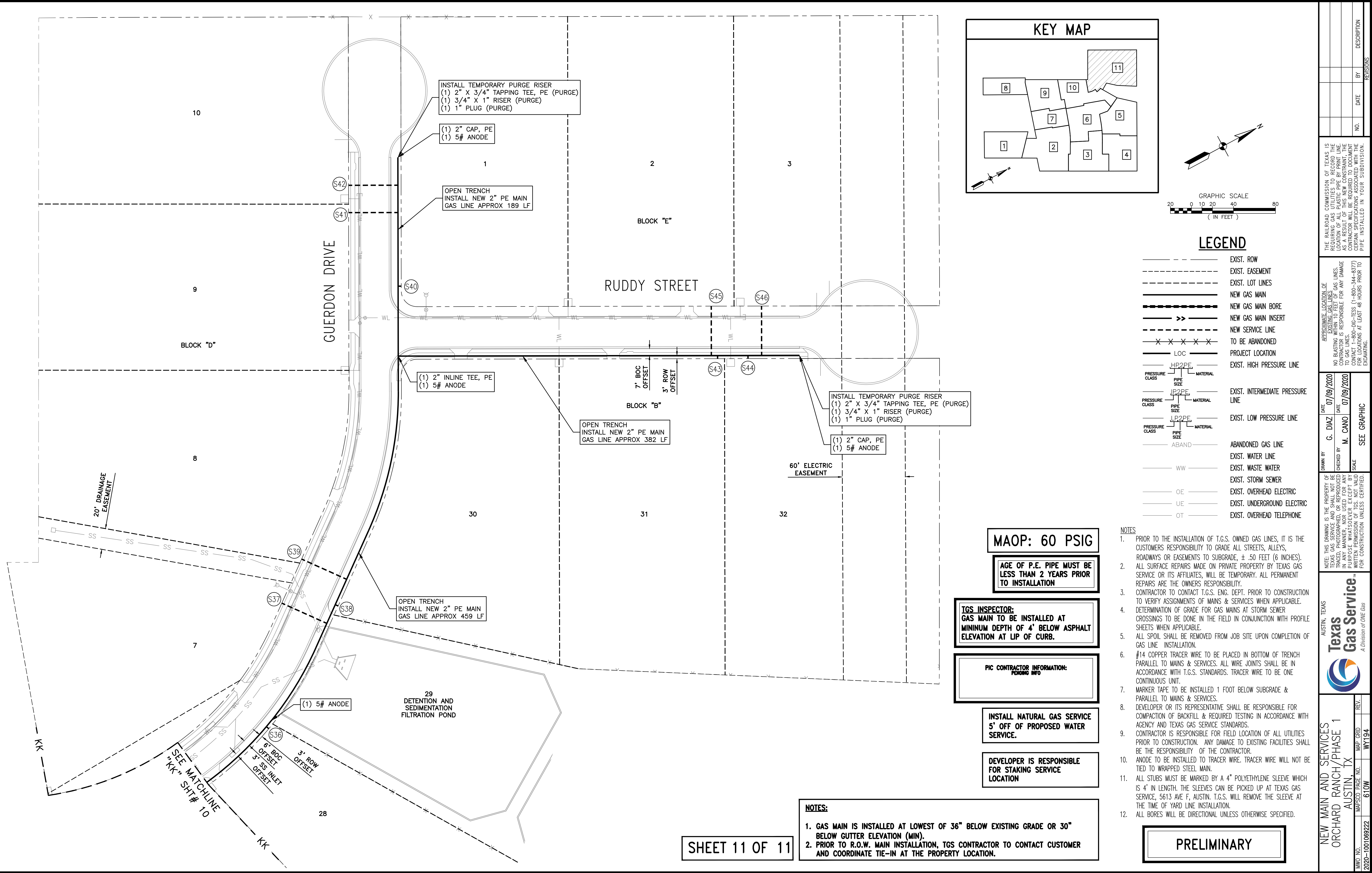
LEGEND

---	EXIST. ROW
---	EXIST. EASEMENT
---	EXIST. LOT LINES
---	NEW GAS MAIN
---	NEW GAS MAIN BORE
---	NEW GAS MAIN INSERT
---	NEW SERVICE LINE
---	TO BE ABANDONED
---	PROJECT LOCATION
---	EXIST. HIGH PRESSURE LINE
---	EXIST. INTERMEDIATE PRESSURE LINE
---	EXIST. LOW PRESSURE LINE
---	ABANDONED GAS LINE
---	EXIST. WATER LINE
---	EXIST. WASTE WATER
---	EXIST. STORM SEWER
---	EXIST. OVERHEAD ELECTRIC
---	EXIST. UNDERGROUND ELECTRIC
---	EXIST. OVERHEAD TELEPHONE

THE RAILROAD COMMISSION OF TEXAS IS REQUIRING GAS UTILITIES TO RECORD THE LOCATION OF ALL GAS LINES INSTALLED AS A RESULT OF THIS NEW CONSTRAINT. THE CONTRACTOR WILL BE REQUIRED TO DOCUMENT CERTAIN SPECIFICATIONS ASSOCIATED WITH THE PIPE INSTALLED IN YOUR SUBDIVISION.		NO BLASTING LOCATION OF EXISTING GAS LINES. NO BLASTING IS RESPONSIBLE FOR ANY DAMAGE TO GAS LINES. NO BLASTING TO BE DONE FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO EXCAVATING.		NOTE: THIS DRAWING IS THE PROPERTY OF TEXAS GAS SERVICE AND SHALL NOT BE REPRODUCED OR USED FOR ANY PURPOSE WHATSOEVER EXCEPT BY WRITTEN PERMISSION OF TGS. NOT VALID FOR CONSTRUCTION UNLESS CERTIFIED.	
DRAWN BY		CHECKED BY		SCALE	
G. DIAZ		M. CANO		SEE GRAPHIC	
DATE		DATE		DATE	
07/09/2020		07/09/2020		07/09/2020	
AUSTIN, TEXAS		AUSTIN, TEXAS		AUSTIN, TEXAS	
NEW MAIN AND SERVICES ORCHARD RANCH/PHASE 1 AUSTIN, TX		MAP GRID		REV.	
2020-1001069222		MAP GRID		WY194	
610W		610W		610W	
AUSTIN, TEXAS		AUSTIN, TEXAS		AUSTIN, TEXAS	
Texas Gas Service™		Texas Gas Service™		Texas Gas Service™	
A Division of ONE Gas		A Division of ONE Gas		A Division of ONE Gas	

PRELIMINARY

SHEET 10 OF 11



MAOP: 60 PSIG

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PRELIMINARY

NEW MAIN AND SERVICES ORCHARD RANCH/PHASE 1 AUSTIN, TX		 Texas Gas Service A Division of ONE Gas		AUSTIN, TEXAS		NOTE: THIS DRAWING IS THE PROPERTY OF TEXAS GAS SERVICE, AND SHALL NOT BE REPRODUCED OR USED FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF TGS. NOT VALID FOR CONSTRUCTION UNLESS CERTIFIED.		DRAWN BY G. DIAZ DATE 07/09/2020		APPROXIMATE LOCATION OF EXISTING GAS LINES NO BLASTING WITHIN 10 FEET OF GAS LINES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO GAS LINES. CONTACT 1-800-344-8377 FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO EXCAVATING.		THE RAILROAD COMMISSION OF TEXAS IS REQUIRING GAS UTILITIES TO RECORD THE LOCATION OF ALL GAS LINES AND SERVICES AS A RESULT OF THIS NEW CONSTRAINT, THE CONTRACTOR WILL BE REQUIRED TO DOCUMENT THE CERTAIN SPECIFICATIONS ASSOCIATED WITH THE PIPE INSTALLED IN YOUR SUBDIVISION.	
MWO NO. 2020-1001089222	MAPSHEET PAGE NO. 610W	MAP GRID WT194	REV. WT194					CHECKED BY M. CANO DATE 07/09/2020	SCALE SEE GRAPHIC				